

**Project Title:** Bayonne Municipal Utilities Authority (MUA) High-Rate CSO Disinfection and Solids Reduction Demonstration Project

**Recipient:** Bayonne Municipal Utilities Authority

**Address:** 630 Avenue C, Bayonne, NJ 07002

**Amount Requested:** \$1,500,000

**Project Description:** The funding would be used to carry out a pilot demonstration project evaluating the efficacy of alternative disinfectants, both alone and in combination with innovative high-rate solids reduction technologies for the control of pathogens in wet weather flows.

**Explanation/Value to Taxpayer:** The proposed project would modify the Bayonne MUA's existing decommissioned primary treatment facility to accommodate demonstration project equipment and sampling/analytical testing by scientists and engineers from NJ Department of Environmental Protection/Division of Water Quality, EPA's Office of Research and Development/Wet Weather Flow Management Program and NJ universities, which are partnering with Bayonne MUA in this project of statewide, regional and national significance. This project would assist in identifying an effective, reliable and affordable solution to the public health and environmental problem of pathogen-contaminated storm water discharges from Combined Sewer Overflow (CSO) systems in hundreds of communities throughout the nation. Additionally, successful demonstration of the innovative disinfectants and solids control technologies through the project could lead to their adaptation nationwide and the expansion of manufacturing and production facilities in New Jersey and other states, with the tremendous potential for the generation of hundreds of new jobs. Furthermore, this project would specifically create 50+ jobs.

**Project Title:** Acquisition of 620 Acre Hanson Aggregates Property- Cape May National Wildlife Refuge

**Recipient:** Cape May National Wildlife Refuge

**Address:** 24 Kimbles Beach Road, Cape May Court House, NJ 08210

**Amount Requested:** \$2,000,000

**Project Description:** The funding would be used to acquire the 620 acre Hanson Aggregates property, within the approved acquisition boundary of the Cape May National Wildlife Refuge. This parcel contains important species of trees and other rare plant communities, as well as threatened and endangered birds and amphibian species.

**Explanation/Value to Taxpayer:** Expanding the existing refuge would meet the criteria of the Land and Water Conservation Fund program by providing additional opportunities for public recreation and scientific research and by protecting open space and habitat for wildlife, including endangered and threatened species, in our rapidly developing state. Additionally, acquisition of the 620 acre Hanson Aggregates property would help protect area water supply.

**Project Title:** Roosevelt Avenue Pump Station Upgrades

**Recipient:** Borough of Carteret

**Address:** 61 Cooke Avenue, Carteret, NJ 07008

**Amount Requested:** \$2,216,500

**Project Description:** The funding would be used for upgrades to existing sanitary sewer pump station. The project would entail the construction of additional pumping capacity to handle high sewage flows experienced at the station and to eliminate backups and surcharging of the upstream gravity sewer system which result from insufficient pumping capacity.

**Explanation/Value to Taxpayer:** Upgrades to the Roosevelt Avenue pump station would provide a benefit to the community and surrounding environment by providing for much needed sanitary sewer capacity for wastewater flows from the entire Borough. This project would create construction industry and other related professional jobs throughout the project construction period. The project would address wastewater collection and conveyance needs of the Borough and is fully consistent with the goals and objectives of the Federal Clean Water Act. The project would provide additional wastewater conveyance capacity and protect the environment and downstream receiving adjacent municipal facilities.

**Project Title:** Acquisition of Great Creek Road Parcel also known as the Simon Trust Parcel-Edwin B. Forsythe National Wildlife Refuge

**Recipient:** Edwin B. Forsythe National Wildlife Refuge

**Address:** 800 Great Creek Road, Oceanville, NJ 08231

**Amount Requested:** \$1,375,000

**Project Description:** The funding would be used to acquire 139 acres known as the Great Creek Road Parcel adjacent to the Edwin B. Forsythe National Wildlife Refuge in Atlantic County, New Jersey within the approved acquisition boundary. The parcel – sometimes referred

to as the Simon Trust parcel – provides critical habitat for migratory birds and helps maintain the integrity of the groundwater infiltration and discharge system in the watershed.

**Explanation/Value to Taxpayer:** Expanding the existing refuge would meet the criteria of the Land and Water Conservation Fund program by providing additional opportunities for public recreation and scientific research and by protecting open space and habitat for wildlife, including endangered and threatened species, in our rapidly developing state. Additionally, the parcel would serve as critical habitat for migratory birds and help maintain the integrity of the groundwater infiltration and discharge system in the watershed.

**Project Title:** Acquisition of West Creek Parcel- Edwin B. Forsythe National Wildlife Refuge

**Recipient:** Edwin B. Forsythe National Wildlife Refuge

**Address:** 800 Great Creek Road, Oceanville, NJ 08231

**Amount Requested:** \$350,000

**Project Description:** The funding would be used to acquire 79 acres known as the West Creek Parcel- sometimes referred to as Stockton land Company Parcel- adjacent to the Edwin B. Forsythe National Wildlife Refuge in Ocean County, New Jersey, within the approved acquisition boundary. The parcel serves as an important part of the green link between the Pinelands National Reserve and the Forsythe National Wildlife Refuge, and provides rare habitat to many species of birds and other animals.

**Explanation/Value to Taxpayer:** Expanding the existing refuge would meet the criteria of the

Land and Water Conservation Fund program by providing additional opportunities for public recreation and scientific research and by protecting open space and habitat for wildlife, including endangered and threatened species.

**Project Title:** Countywide Geographic Information Systems (GIS) and Stormwater Management System

**Recipient:** County of Essex

**Address:** 465 Dr. Martin Luther King, Jr. Boulevard, Newark, NJ 07102

**Amount Requested:** \$2,750,000

**Project Description:** The funding would be used for Countywide Geographic Information Systems (GIS)/Global Positioning Systems (GPS) mapping of stormwater facilities in all of the County of Essex's twenty-two municipalities in order to comply with the New Jersey Department of Environmental Protection's new regulations that require this mapping so that stormwater facilities can be inspected and managed properly.

**Explanation/Value to Taxpayer:** The New Jersey Department of Environmental Protection (NJDEP) stormwater regulations require New Jersey counties and municipalities to map their stormwater facilities on a GPS-based map so that they can be inspected and managed properly. The requested funds would be used to construct a base map of the County and its municipalities and to locate all county and municipal assets and infrastructure on GPS-based maps. This project would benefit the County and its 22 municipalities by enabling them to comply with the state NJDEP stormwater regulations. Managing stormwater facilities is key to efforts to reduce local flooding and to control nonpoint source pollution into the state's streams and rivers. Additionally, once completed the maps would be available for use by officials as well as the public.

**Project Title:** Acquisition of Great Brook/Phase 2- Great Swamp National Wildlife

**Recipient:** Great Swamp National Wildlife Refuge

**Address:** 241 Pleasant Plains Road, Basking Ridge, NJ 07920

**Amount Requested:** \$1,100,000

**Project Description:** The funding would be used to complete the funding for the acquisition of an 18 acre parcel, known as the Great Brook/Phase 2, adjacent to the Great Swamp National Wildlife Refuge, which provides critical habitat for the endangered Indiana Bats and numerous other rare species, as well as office space for United States Fish and Wildlife Service employees. Great Brook serves as a tributary of the Passaic River.

**Explanation/Value to Taxpayer:** Acquisition of the 18 acre Great Brook/Phase 2 parcel would protect the safety of drinking water for over one million people. Great Brook serves as a tributary of the Passaic River, one of the state's major rivers which flows over 80 miles through seven counties and 45 municipalities before it eventually empties into the Newark Bay. Protecting land from development along the River's tributaries is one of the primary means of protecting the watershed. Additionally, expanding the existing refuge would meet the criteria of the Land and Water Conservation Fund program by providing additional opportunities for public recreation and scientific research and by protecting open space and habitat for wildlife, including endangered and threatened species, in our rapidly developing state.

**Project Title:** Environmental Protection/National Priorities

**Recipient:** National Rural Water Association

**Address:** 2915 South 13th St.Duncan, OK 73533

**Amount Requested:** \$16,800,000

**Project Description:** This project would provide funding for the National Rural Water Association's technical assistance, source water protection and ground water protection efforts.

**Explanation/Value to Taxpayer:** This funding would assist the National Rural Water Association, through the state rural water associations in all 50 states, to provide in-the field training, on-site technical assistance and source water protection planning. These services allow small rural communities to comply with federal drinking water laws, provide water related public health protection and reduce pollution in their rivers, streams, lakes, bays and oceans.

**Project Title:** Cedar Grove Water Reservoir Safety Project

**Recipient:** City of Newark

**Address:** 920 Broad Street, Newark, NJ 07102

**Amount Requested:** \$3,600,000

**Project Description:** The funding would be used to construct and install a reservoir cover to avoid water degradation and the potential for contamination.

**Explanation/Value to Taxpayer:** As this reservoir is open to the atmosphere, both the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (NJDEP) have mandated that the reservoir be covered to avoid water degradation and the potential for contamination. Additionally, as part of the City of Newark's comprehensive water storage, treatment, transmission and distribution system, the reservoir is great at-risk to contamination by vandals or terrors. An unsecure Newark Watershed poses significant risks to not only the 281,402 residents of Newark, but also residents in the 23 communities through which the water pipes run to Newark. This funding would assist in securing safe drinking water to nearly 850,000 residents in North New Jersey.

**Project Title:** New Jersey Urban Estuarine Stewardship

**Recipient:** New York-New Jersey Harbor Estuary Program Office Citizens Advisory Committee (CAC) **Address:** 290 Broadway, 24th Floor, New York, NY 10007 **Amount Requested:** \$518,660

**Project Description:** The funding would be used to coordinate capacity building, grant process and project oversight of local New Jersey urban estuarine stewardship projects that are consistent with the current New York/New Jersey Harbor Estuary Management and Action Plans.

**Explanation/Value to Taxpayer:** This primary benefit of this project would be the improvement of the local ecosystem that shares the New Jersey side of the New York/New Jersey Harbor Estuary. The project would also create at least 15 local jobs. Furthermore, this project would serve as a model for a sustainable urban estuarine stewardship for other estuaries to replicate.



**Project Title:** Grand Street Wood Sewer Rehabilitation Project

**Recipient:** North Hudson Sewerage Authority

**Address:** 1600 Adams Street, Hoboken, NJ 07030

**Amount Requested:** \$950,000

**Project Description:** The funding would be used for the rehabilitation of the Grad Street Wood Sewer. Specifically, the project would alleviate flooding and improve system operations.

**Explanation/Value to Taxpayer:** The rehabilitation of the Grand Street Wood Sewer would help alleviate flooding, which is a major economic and environmental concern for the citizens of Hoboken and commuters from surrounding communities. The capacity of one hundred year old wood sewers would be restored after they are cleaned and relined. The current flooding occurs in a portion of Hoboken that is situated below mean high tide. The rehabilitated sewers would increase the ability of the system to store combined sewage flow underground and deliver that flow to the new flood control system while safeguarding the Hudson River waterway. The improvements would also reduce operating costs associated with the maintenance of an inadequate combined sewer system. The funding would assist in the progress of this particular project, as well as create 10 construction jobs for the duration of the project.

**Project Title:** Planning for Sustainable Communities along the Lower Passaic River

**Recipient:** Passaic River Coalition

**Address:** 330 Speedwell Avenue, Morristown, NJ 07960

**Amount Requested:** \$295,000

**Project Description:** The funding would be used to work with municipalities, businesses, and community organizations to create a Master Plan for the waterfront along the Lower Passaic River. This project would complement the EPA/Army Corps of Engineers cleanup project.

**Explanation/Value to Taxpayer:** The U.S. Environmental Protection Agency, Army Corps of Engineers, Fish & Wildlife Service, National Oceanic and Atmospheric Administration, NJ Department of Environmental Protection, and the NJ Office of Maritime Services along with many private agencies, organizations, and governments have been meeting for five years addressing the contamination of the river and collecting critical data. This project would describe future uses of the waterfront and river based on input from local stakeholders, and once completed, it would help to guide plans for removing the toxic sediments from the Lower Passaic River. Additionally, as much of the waterfront is undeveloped, this project would allow the waterfront towns and cities to be able to use the river in positive ways that boost the local economy and protect the environment at the same time. Furthermore, this project would

sustain jobs for six staff members and consultants from the Passaic River Coalition, and the implementation of this plan could lead to the creation and sustaining of thousands of jobs. Ultimately, this Master Plan would improve the quality of life for fourteen municipalities around the Passaic River and the health of the river itself.

**Project Title:** Passaic Valley Combined Sewage Overflow Project

**Recipient:** Passaic Valley Sewerage Commissioners (PVSC)

**Address:** 600 Wilson Avenue, Newark, NJ 07105

**Amount Requested:** \$1,000,000

**Project Description:** The funding would be used to expand the capacity of the Wastewater Treatment plant from 368 million gallons per day (mgd) to 700 mgd which would reduce combined sewage overflows by 332 mgd in storms, reducing the amount of debris washing up on New Jersey beaches and reducing the discharge of toxic compounds that affect the ability to consume fish and dispose of dredged material in the New York Harbor.

**Explanation/Value to Taxpayer:** PVSC is implementing plant-wide improvements to increase its wet weather capacity from 368 million gallons per day to 700 million gallons per day. This would reduce combined sewer discharges by 332 million gallons per day and achieve 106 percent of EPA's Long Term Control Requirement for wet weather flow pollutant removal. This project would have local and regional impact. PVSC owns and operates the third largest wastewater treatment plant in the nation. It treats wastewater from 1.3 million people in 47 municipalities and from over 250 large industries in northern New Jersey. PVSC's Passaic River/Newark Bay Restoration Program has already significantly alleviated the pollution in the river, bay and along the New Jersey shore. This project would allow PVSC to treat substantially more wastewater, while at the same time continuing to reduce water pollution. It has already created 6,735 man hours of construction in New Jersey.

**Project Title:** Perth Amboy Water Infrastructure Improvements

**Recipient:** City of Perth Amboy

**Address:** 260 High Street, Perth Amboy, NJ 08861

**Amount Requested:** \$1,000,000

**Project Description:** The funding would be used to rehabilitate aging sewer infrastructure in two key areas of the City. Specifically, this project would fund the sewer lining at Fayette Street and First Street.

**Explanation/Value to Taxpayer:** Like many northeastern cities, the City of Perth Amboy's water supply, wastewater, and storm water infrastructure is in desperate need of repair. Perth Amboy would specifically use the funding for two sewer lining projects. If not rectified, Perth Amboy's water infrastructure deficiencies may infiltrate the groundwater supply. Moreover, if any of these lines were to be taken out of service, Perth Amboy would be unable to produce an uninterrupted supply of water (both drinking and wastewater) to satisfy the demand of 50,000 residents and for fire protection. This project would assist in preventing such events.

**Project Title:** Lincoln Tunnel Backflow Devices

**Recipient:** Port Authority of New York and New Jersey

**Address:** 225 Park Avenue South, New York, NY 10003

**Amount Requested:** \$1,573,000 f

**Project Description:** The funding would be used to complete the installation of backflow devices and shut-off valves at various facilities associated with the Lincoln Tunnel, which is a part of the National Highway System.

**Explanation/Value to Taxpayer:** By completing this contract, preventing the possibility of cross contamination of the integrity of the municipal water systems in New York and New Jersey would be improved. The Lincoln Tunnel, located in Weehawken Township, Hudson County, sits at the intersection of three major New Jersey state roadways—the New Jersey Turnpike (I-495), Route 1 and Route 9 and is a primary point of transfer into New York City. Each day the Tunnel carries 56,800 vehicles fed by those roadways. This vehicular traffic includes individual automobiles, transit busses as well as smaller trucks, carrying people and products to work, school and recreational activities. This proposed project would replace valves that are over 50 years old, some of which may no longer be operational. Replacement of these valves would ensure the safety and uninterrupted traffic flow through the Tunnel, which is a primary goal of the Port Authority. Additionally, updating the valve system will help to prevent traffic disruptions, due to breakage or needed repairs on the system, which could have an adverse affect on the local community and its quality of life, an important supplementary benefit of this project.

**Project Title:** Ellis Island Institute Program Expansion

**Recipient:** Save Ellis Island, Inc.

**Address:** 500 International Drive, Suite 350, Budd Lake, NJ 07828

**Amount Requested:** \$500,000

**Project Description:** The funding would be used to complete first floor restoration of the Laundry/Hospital Outbuilding on Ellis Island for expansion of Ellis Island Institute programming.

**Explanation/Value to Taxpayer:** Funding would help complete the first floor restoration of the Laundry/Hospital Outbuilding (LHOB), leveraging the over \$1 million already invested and providing necessary space for the educational and public programs needed to open Ellis Island's south side to the public. The complete LHOB restoration is critical to expanding the successful and well received teacher and student programs provided by the Ellis Island

Institute. The LHOB is also the gateway to Ellis Island's south side, which has not be open to the public since the NPS's tenure began in 1986. Completion of this building would make this unknown section of Ellis Island publically accessible. Additionally, an estimated 12 construction jobs would be created for the period of construction/restoration and upon completion, an additional 3 permanent staff positions would be created. In all, more than 2 million people would benefit from the project, including Ellis Island visitors, underserved audiences, students and educators.

**Project Title:** Ellis Island Institute/Baggage and Dormitory Building Planning

**Recipient:** Save Ellis Island, Inc.

**Address:** 500 International Drive, Suite 350, Budd Lake, NJ 07828

**Amount Requested:** \$500,000

**Project Description:** The funding would be used for architectural and program planning for rehabilitation of the Baggage & Dormitory building on Ellis Island.

**Explanation/Value to Taxpayer:** The Baggage and Dormitory Building (B&D) on Ellis Island would be the main program and conference space for the Ellis Island Institute. The building is currently being stabilized after more than 50 years of abandonment. The Ellis Island Institute is the approved project for the re-use of Ellis Island's unrestored buildings. This funding would specifically be used for the next steps required in the project- architectural and engineering assessments, business planning and program development. Activities in the B&D would be the main revenue producers for the Institute, thus being critical to the successful reuse of Ellis Island's currently un-used buildings.

**Project Title:** Acquisition of Kenely Property- Wallkill River National Wildlife Refuge

**Recipient:** Wallkill River National Wildlife Refuge

**Address:** 1547 County Road 565, Sussex, NJ 07461-4013

**Amount Requested:** \$1,750,000

**Project Description:** The funding would be used to acquire 165 acres known as Kenely Property adjacent to the Wallkill River National Wildlife Refuge in Sussex County, New Jersey, within the approved acquisition boundary. The property is a diverse mix of habitats supporting a diverse mix of wildlife including threatened and endangered species, and conservation of this property would also contribute to the water quality of the Wallkill River and serve as an aquifer recharge zone.

**Explanation/Value to Taxpayer:** Expanding the existing refuge would meet the criteria of the Land and Water Conservation Fund program by providing additional opportunities for public recreation and scientific research and by protecting open space and habitat for wildlife, including endangered and threatened species, in our rapidly developing state. Additionally, conservation of this property would contribute to the water quality of the Wallkill and serve as an aquifer recharge zone.

**National Project**

**Project Title:** Environmental Protection/National Priorities

**Recipient:** National Rural Water Association

**Address:** 2915 South 13th St.Duncan, OK 73533

**Amount Requested:** \$16,800,000

**Project Description:** This project would provide funding for the National Rural Water Association's technical assistance, source water protection and ground water protection efforts.

**Explanation/Value to Taxpayer:** This funding would assist the National Rural Water Association, through the state rural water associations in all 50 states, to provide in-the field training, on-site technical assistance and source water protection planning. These services allow small rural communities to comply with federal drinking water laws, provide water related public health protection and reduce pollution in their rivers, streams, lakes, bays and oceans.